



UNITED STATES PATENT AND TRADEMARK OFFICE

an

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/711,776	10/04/2004	Hung-Chang Tseng		5775

47580 7590 09/05/2006

BATON DIGITAL ELECTRONIC TECH. CO., LTD.
P. O. BOX 108-00403
TAIPEI,
TAIWAN

EXAMINER

QI, ZHI QIANG

ART UNIT PAPER NUMBER

2871

DATE MAILED: 09/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/711,776	TSENG, HUNG-CHANG	
	Examiner	Art Unit	
	Mike Qi	2871	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Objections

1. Claim 1 is objected to because of the following informalities:

In claim 1, recitation "...the LCD device capable of" and "... so that the LCD device is capable of" do not indicate the definite function. For examination purpose, it is interpreted as "...the LCD device receiving and electrically connecting a replaceable media player," and "... so that the LCD device receiving and electrically connecting different media players".

Appropriate correction is required.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 2004/0227696 A1 (Schedivy).

Regarding claim 1, Schedivy teaches (paragraphs 0028 – 0036; Figs 3A-3C) a LCD screen display (220) for a vehicle receiving and electrically connecting a replaceable media player (data media 615, such as DVD, or CD-ROM player, video game player, etc.), and such device comprising:

- a chassis (base portion 210 as a chassis) having a display (220);

Art Unit: 2871

- a plurality of buttons (281) disposed on one side surface of the chassis (base portion 210);
- a receiving space such as a slot (602) for receiving a media player.

Although Schedivy does not explicitly teach how the media player being connected with the display, the signal from the media player should be transmitted to the display device, and conventionally having connection port to connect the media player with the display. The invention of this application is a receiving space for receiving and electrically connecting different medial players and playing data stored therein without extra space occupation. Schedivy teaches (Figs 3A, 3C) using slot (602) for receiving a data media (615), such that the display being connected a replaceable media player, for example, a DVD player, a CD-ROM player, a video game player or a similar device capable of downloading and playing computerized video and/or audio files (paragraph 0028).

Therefore, it would have been obvious to those skilled in the art at the time the invention was made to modify the video system of Schedivy with teachings of using a receiving space such as a slot for receiving different medias players as taught by Schedivy, since the skilled in the art would be motivated for achieving a replaceable media player such as a DVD player, a CD-ROM player, a video game player or a similar device.

Regarding claims 2-4, Schedivy teaches (paragraphs 0028 – 0036; Figs 3A-3C) the media player (data media 615) including a DVD player, a CD-ROM player, a video game player or a similar device capable of downloading and playing computerized video

Art Unit: 2871

and/or audio files (paragraph 0028). Concerning a card reader that is data card memory and the function is the same as a ROM card reader to read the data stored therein, and that would have been at least obvious.

Regarding claims 5-7, Schedivy teaches (paragraphs 0028 – 0036; Figs 3A-3C) that the LCD device (220) is installed on a seat headrest of the vehicle. Concerning the display being installed in a front side inside the vehicle or being installed in an inner top surface of the vehicle would be obvious variations as more convenient for the vehicle driver or more effectiveness of reducing space required.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mike Qi whose telephone number is (571) 272-2299. The examiner can normally be reached on M-T 8:00 am-5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (571) 272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2871

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Mike Qi
Patent examiner
Aug. 29, 2006